

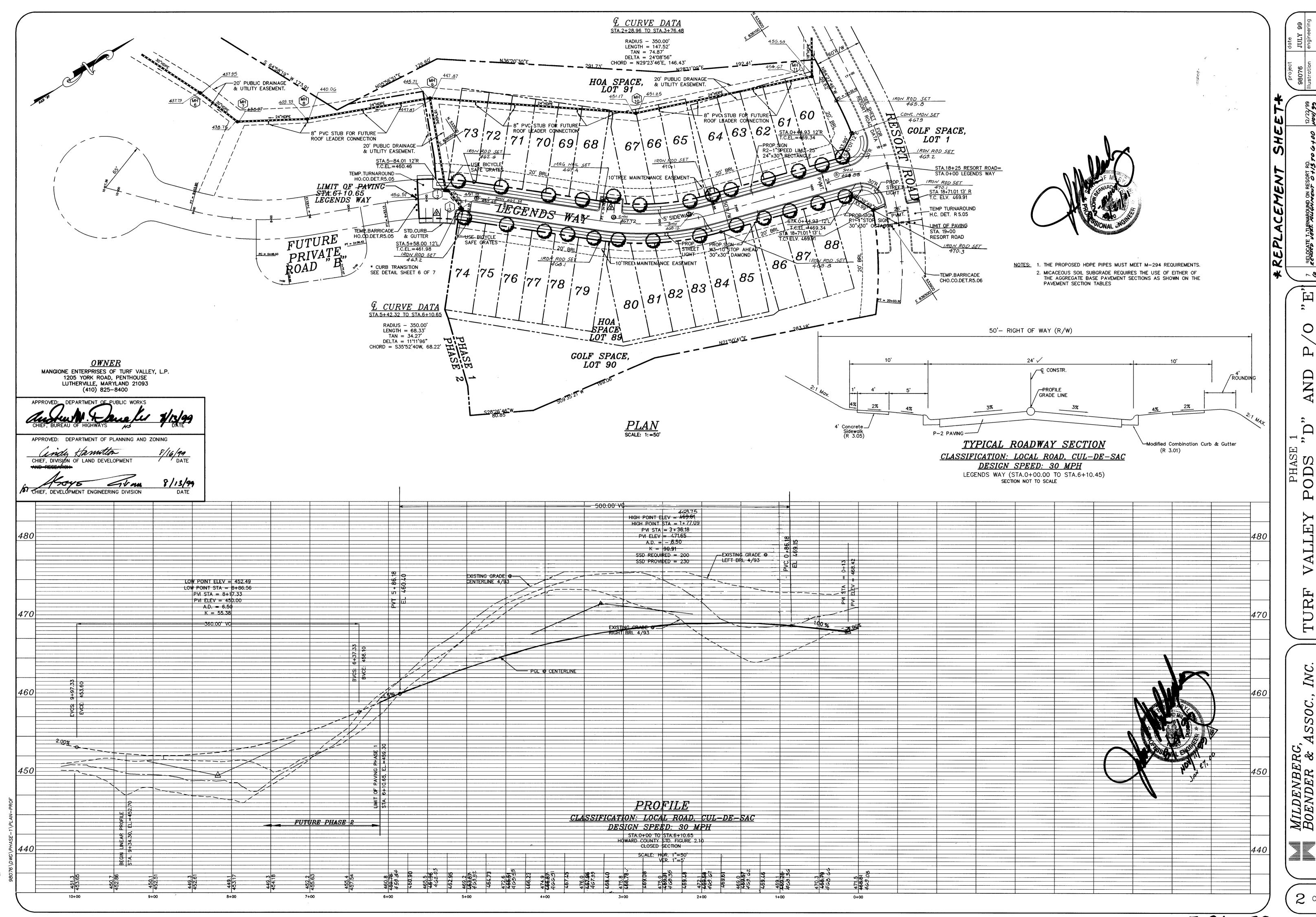
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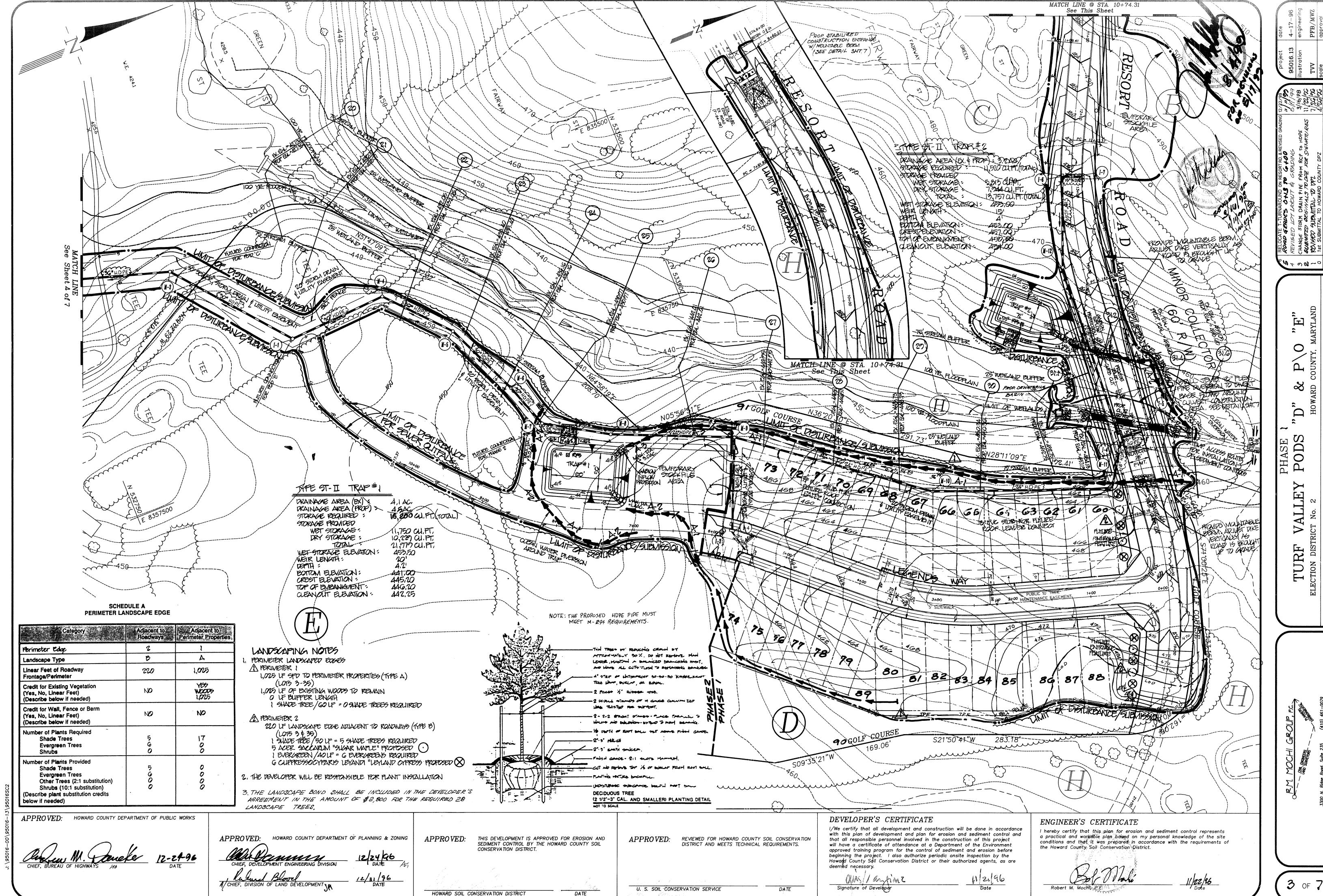
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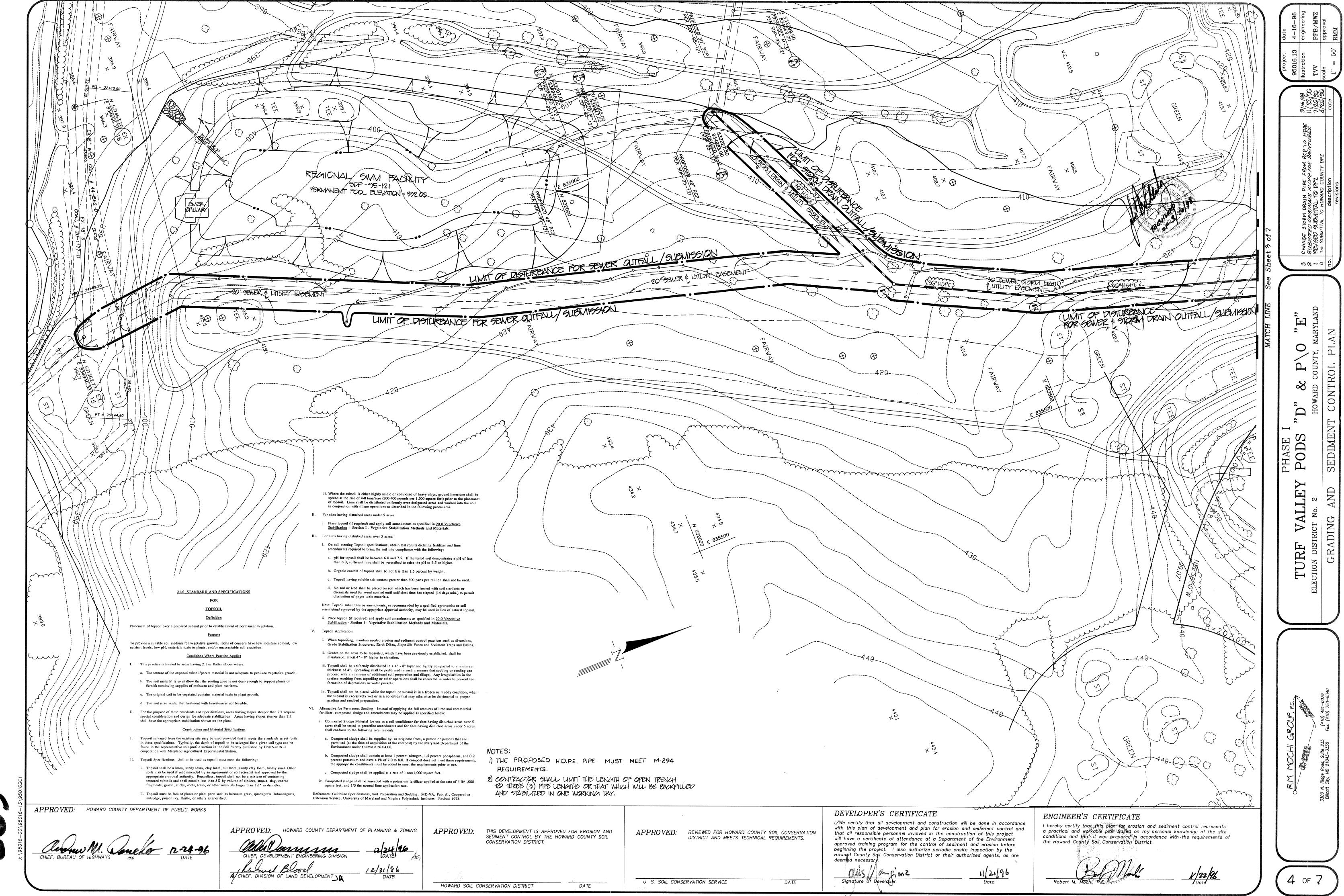
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VALLEY ELECTION DISTRIC LEGENDS

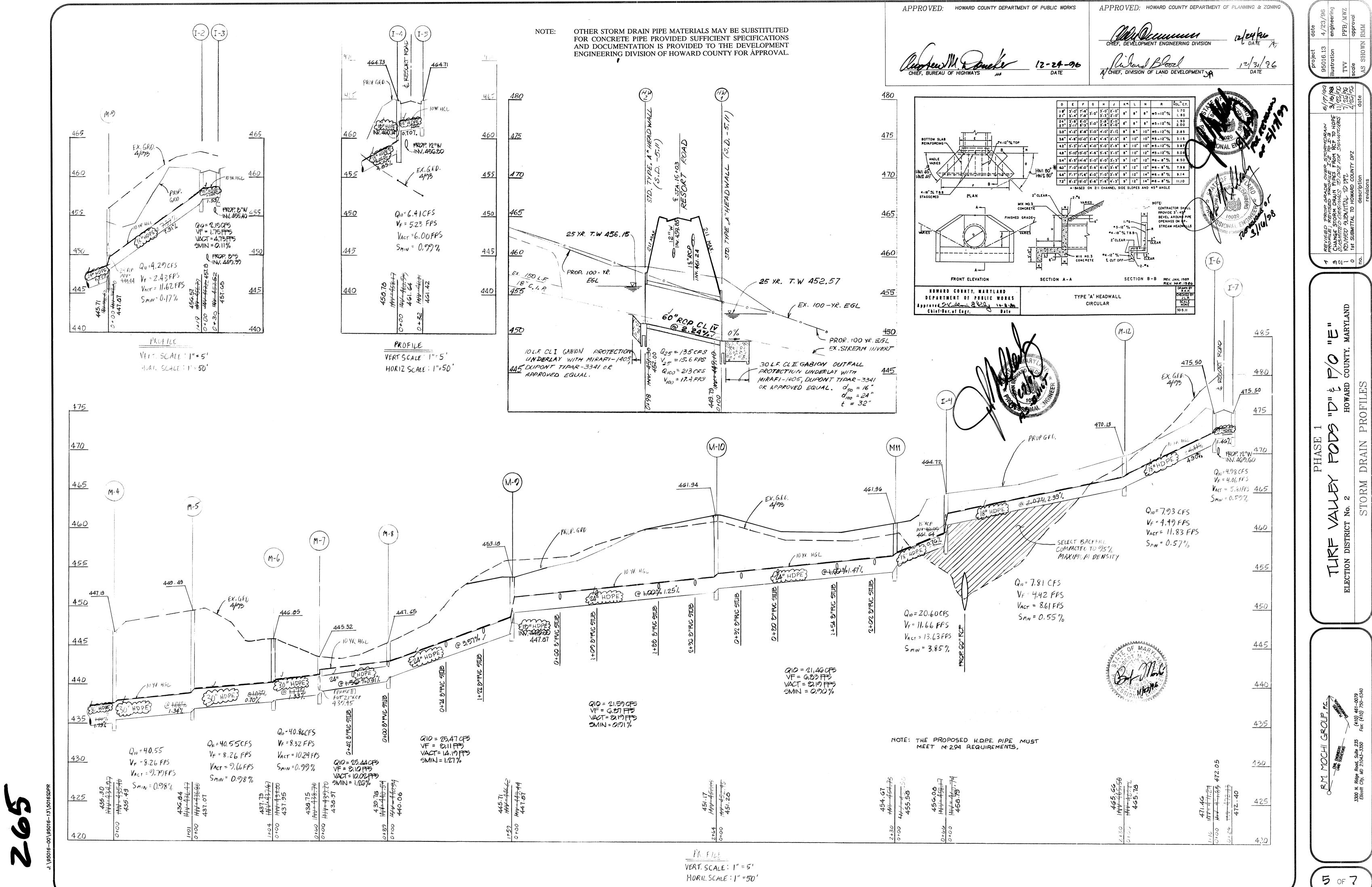


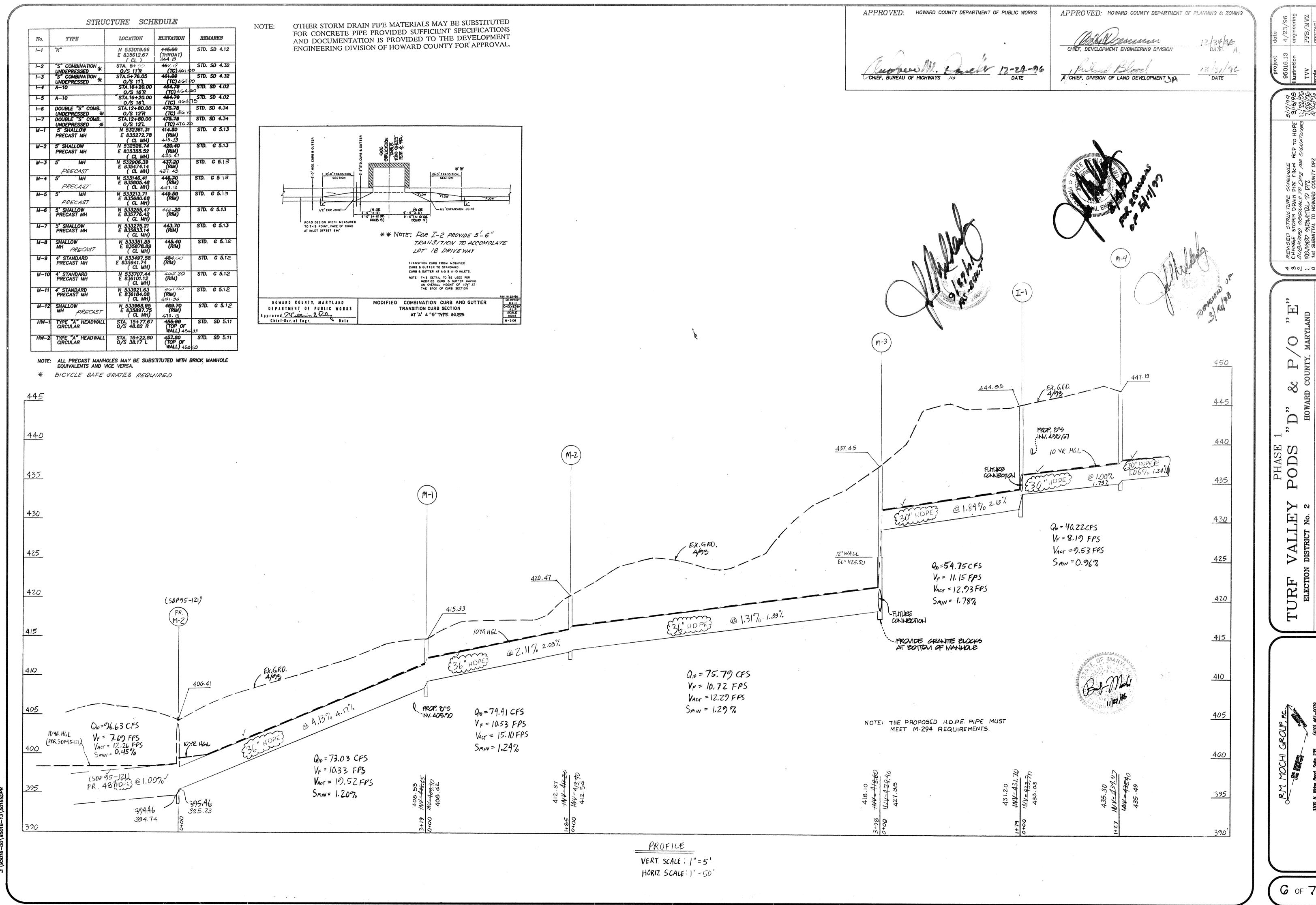
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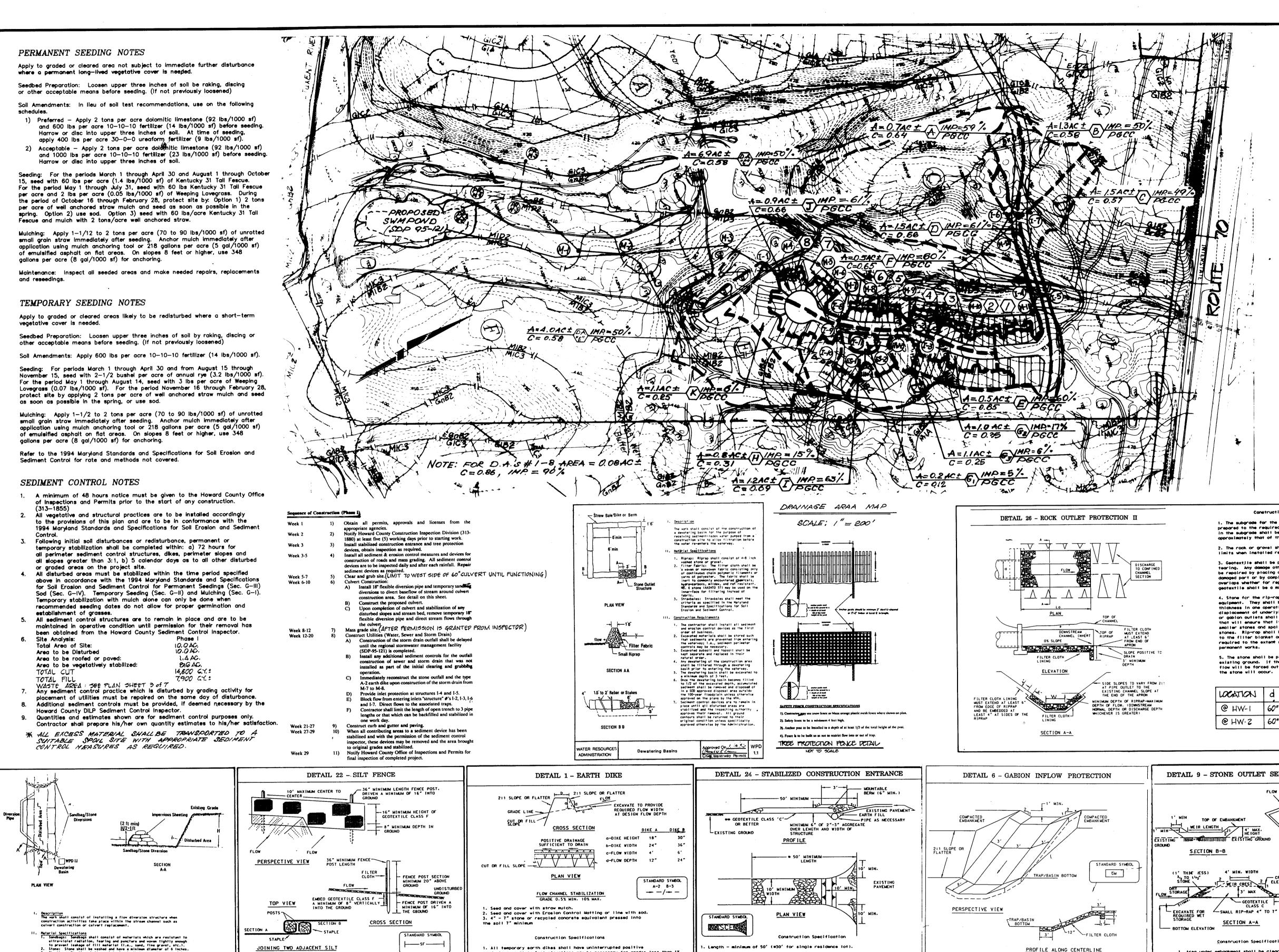


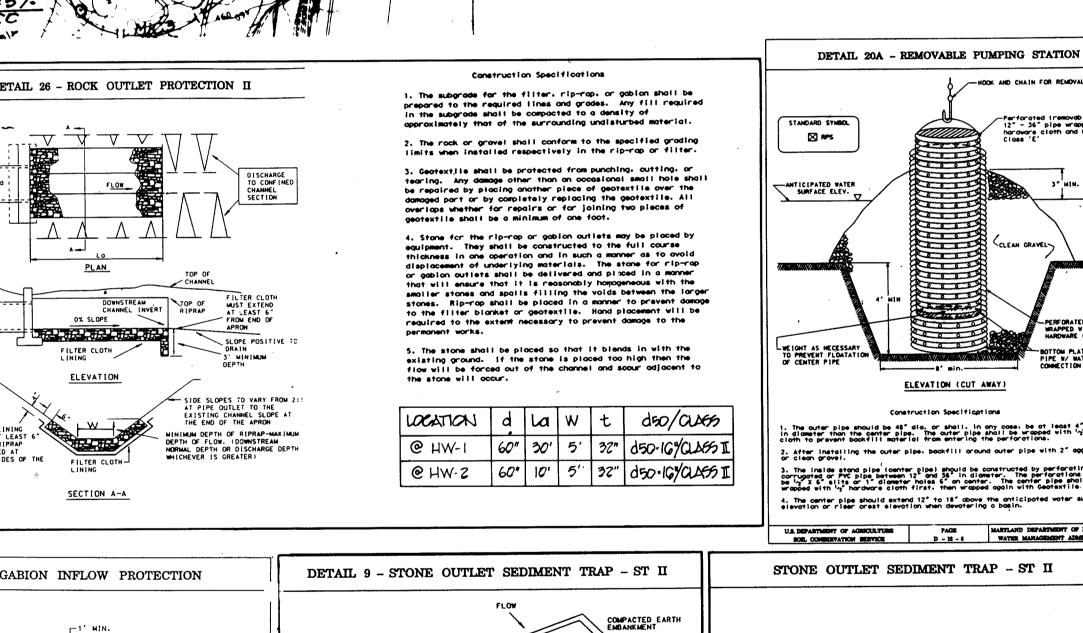
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STORM

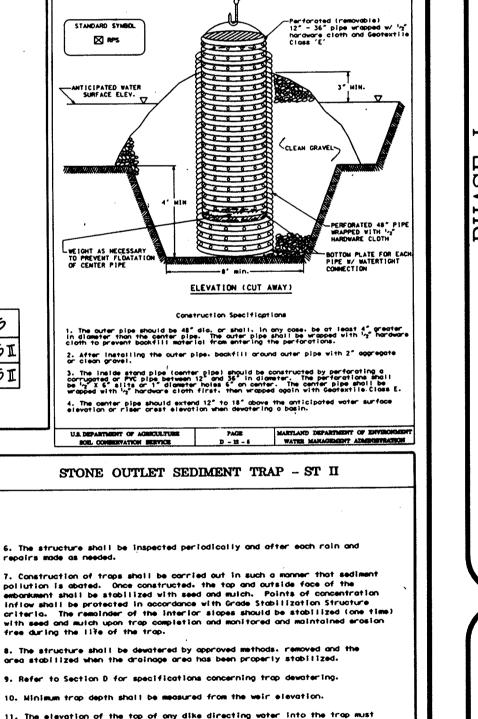
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CREST PERSPECTIVE VIEW

OUTLET ELEVATION



DETAIL 23C - CURB INLET PROTECTION (COG OR COS INLETS)

Construction Specifications

. Attach a continuous piece of wire mesh 130" minimum width by throat length plus

(') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard

2. Place a continuous piece of Geotextile Class E the same dimensions as the wire

4. Place the assembly against the injet throat and nail (minimum 2' lengths of

The fraction of the wall of spacer locations). These  $2^n \times 4^n$  anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.

5. The assembly shall be placed so that the end spacers are a minimum 1' beyond

7. This type of protection must be inspected frequently and the filter cloth

8. Assure that storm flow does not bypass the inlet by installing a temporary

U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONME SOIL CONSERVATION SERVICE E - 16 - 5B WATER MANAGEMENT ADMINISTRATIO

entéring the inlet under or around the geotextile.

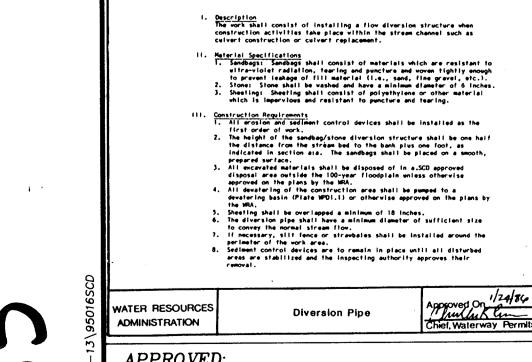
earth or asphalt dike to direct the flow to the inlet.

and stone replaced when clagged with sediment.

6. Form the 1/2" x 1/2" wire mash and the geotextile fabric to the concrete gutter and against the face of the curb on both sides of the linier. Place clean  $\frac{3}{2}$  x  $\frac{1}{2}$  stone over the wire mesh and geotextile in such a manner to prevent water from

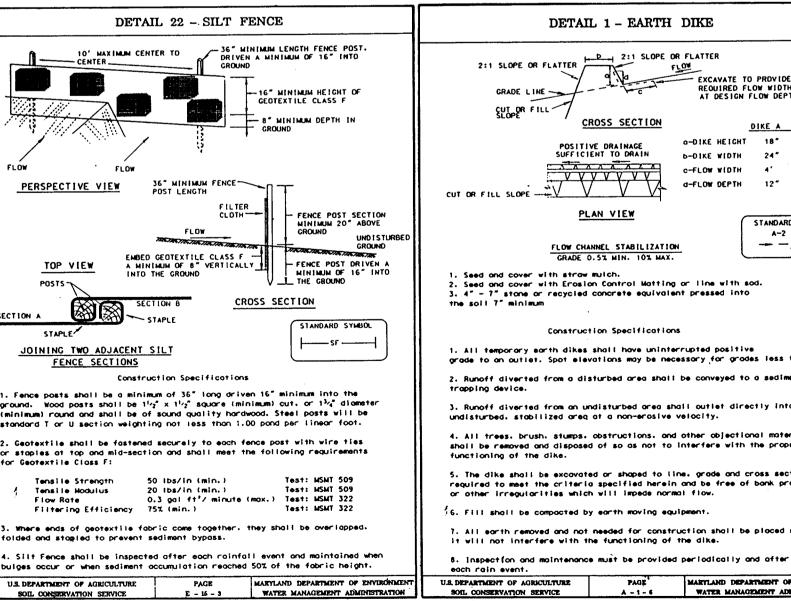
3. Securely nail the 2" X 4" weir to a 9" long vertical spacer to be located between

MAX. DRAINAGE AREA - 14 ACRE



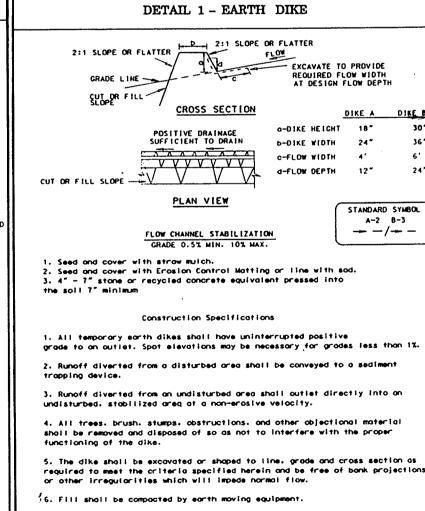
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

CHIEF, BUREAU OF HIGHWAYS



HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

A CHIEF, DIVISION OF LAND DEVELOPMENT 🔉 🤼



APPROVED: THIS DEVELOPMENT IS APPROVED FOR EROSION

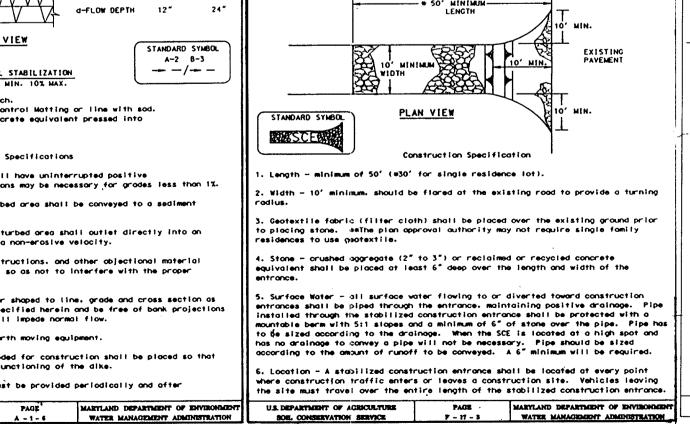
SOIL CONSERVATION DISTRICT

HOWARD SOIL CONSERVATION DISTRICT

AND SEDIMENT CONTROL BY THE HOWARD COUNTY

SOIL CONSERVATION SERVICE

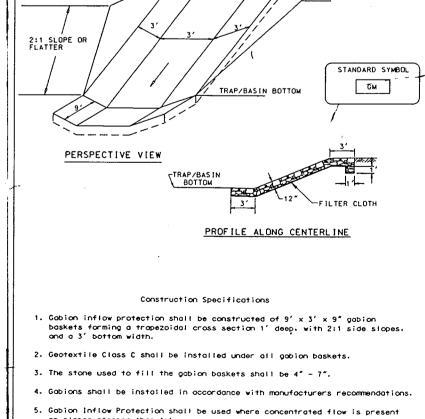
12/31/96



APPROVED: REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION

USDA - NATURAL RESOURCES CONSERVATION SERVICE

DISTRICT AND MEETS TECHNICAL REQUIREMENTS.



on slopes steeper than 4:1. PAGE
B - 7 - 2

MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

U.S. DEPARTMENT OF AGRICULTURE
30/L, CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

DEVELOPER'S CERTIFICATE

Signature of Developer

I/We certify that all development and construction will be done accordance

training program for the control of sediment and erosion before beginning the project. I also authorize periodic onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this project will have a certificate of attendance at a Department of the Environment approved

Construction Specifications 1. Area under embankment shall be cleared, grubbed and stripped of 2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic compacted by traversing with equipment while it is being 3. All cut and fill slopes shall be 2:1 or flatter. 4. The stone used in the outlet shall be small rip-rap 4" to 7" in size with a 1' thick layer of 34" to 11/2" washed aggregate placed on the upstream face of the autlet. Stone facing shall be as necessary to prevent clagging. Geotextile Class C may be substituted for the stone facing by placing it on the inside face of the stone outlet. 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to one half of the wet'storage depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode. PAGE MARYLAND DEPARTMENT OF ENVIRONMENT
C - 9 - 10 WATER MANAGEMENT ADMINISTRATION
U.S. DEPARTMENT OF AGRICULTUS
SOIL CONSERVATION SERVICE

equal or exceed the elevation of the trap embankment. 2. Geotextlie Class C shall be placed over the bottom and sides of the outlet channel prior to the placement of stone. Sections of filter cloth must overlap at least 1' with the section nearest the entrance placed on top. The filter cloth shall be embedded at least 6" into existing ground at the entrance 13. Dutlet — An outlet shall be provided. Including a means of conveying the discharge in an erosion free manner to an existing stable channel.

ENGINEER'S CERTIFICATE I certify that this plan for erosion and sediment control represents a practical and workable plan based on my persoftal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District. Robert M. Mechi. P. E

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